

# ANGPTL1 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a full length recombinant ANGPTL1.

Catalog # AT1137a

## Product Information

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Application	IHC
Primary Accession	<a href="#">O95841</a>
Other Accession	<a href="#">BC050640</a>
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	3A5
Calculated MW	56720

## Additional Information

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Gene ID	9068
Other Names	Angiopoietin-related protein 1, Angiopoietin-3, ANG-3, Angiopoietin-like protein 1, ANGPTL1, ANG3, ANGPT3, ARP1
Target/Specificity	ANGPTL1 (AAH50640, 24 a.a. ~ 491 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	IHC~~1:100~500
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	ANGPTL1 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

## Background

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Angiopoietins are members of the vascular endothelial growth factor family and the only known growth factors largely specific for vascular endothelium. Angiopoietin-1, angiopoietin-2, and angiopoietin-4 participate in the formation of blood vessels. The protein encoded by this gene is another member of the angiopoietin family that is widely expressed in adult tissues with mRNA levels highest in highly vascularized tissues. This protein was found to be a secretory protein that does not act as an endothelial cell mitogen in vitro.

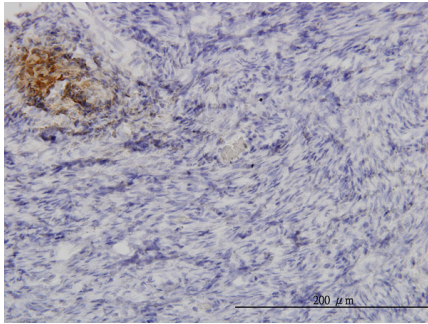
## References

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Metalloproteinases, vascular endothelial growth factor, and angiopoietin 1 and 2 in eutopic and ectopic endometrium. Di Carlo C, et al. Fertil Steril, 2009 Jun. PMID 18644593. Balance between angiopoietin-1 and angiopoietin-2 is in favor of angiopoietin-2 in atherosclerotic plaques with high microvessel density. Post S, et al. J Vasc Res, 2008. PMID 18182823. The DNA sequence and biological annotation of human chromosome 1. Gregory SG, et al. Nature, 2006 May 18. PMID 16710414. Signal sequence and keyword trap in silico for selection of full-length human cDNAs encoding secretion or membrane proteins from oligo-capped cDNA libraries. Otsuki T, et al. DNA Res, 2005. PMID 16303743. Angioarrestin: a unique angiopoietin-related protein with anti-angiogenic properties. Dhanabal M, et al. Biochem Biophys Res Commun, 2005 Jul 29. PMID 15950186.

## Images

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Immunoperoxidase of monoclonal antibody to ANGPTL1 on formalin-fixed paraffin-embedded human ovary. [antibody concentration 3 ug/ml]

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.